

Sequence Listing

10/521675

DT01 Rec'd PCT/PTO 18 JAN 2005

<110> EYEGENE INC.

<120> Protein for Diagnosing Diabetic Retinopathy

<150> KR102002041771

<151> 2002-07-16

<160> 4

<170> KopatentIn 1.71

<210> 1

<211> 353

<212> PRT

<213> Homo sapiens

<400> 1

Ala Ser Pro Thr Ser Pro Lys Val Phe Pro Leu Ser Leu Cys Ser Thr
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Gln Pro Asp Gly Asn Val Val Ile Ala Cys Leu Val Gln Gly Phe Phe
20 25 30

Pro Gln Glu Pro Leu Ser Val Thr Trp Ser Glu Ser Gly Gln Gly Val
35 40 45

Thr Ala Arg Asn Phe Pro Pro Ser Gin Asp Ala Ser Gly Asp Leu Tyr
50 55 60

Thr Thr Ser Ser Gln Leu Thr Leu Pro Ala Thr Gln Cys Leu Ala Gly
65 70 75 80

Lys Ser Val Thr Cys His Val Lys His Tyr Thr Asn Pro Ser Gln Asp
85 90 95

Val Thr Val Pro Cys Pro Val Pro Ser Thr Pro Pro Thr Pro Ser Pro

Sequence Listing

100

105

110

Ser Thr Pro Pro Thr Pro Ser Pro Ser Cys Cys His Pro Arg Leu Ser
115 120 125

Leu His Arg Pro Ala Leu Glu Asp Leu Leu Leu Gly Ser Glu Ala Asn
130 135 140

Leu Thr Cys Thr Leu Thr Gly Leu Arg Asp Ala Ser Gly Val Thr Phe
145 150 155 160

Thr Trp Thr Pro Ser Ser Gly Lys Ser Ala Val Gln Gly Pro Pro Glu
165 170 175

Arg Asp Leu Cys Gly Cys Tyr Ser Val Ser Ser Val Leu Pro Gly Cys
180 185 190

Ala Glu Pro Trp Asn His Gly Lys Thr Phe Thr Cys Thr Ala Ala Tyr
195 200 205

Pro Glu Ser Lys Thr Pro Leu Thr Ala Thr Leu Ser Lys Ser Gly Asn
210 215 220

Thr Phe Arg Pro Glu Val His Leu Leu Pro Pro Pro Ser Glu Glu Leu
225 230 235 240

Ala Leu Asn Glu Leu Val Thr Leu Thr Cys Leu Ala Arg Gly Phe Ser
245 250 255

Pro Lys Asp Val Leu Val Arg Trp Leu Gln Gly Ser Gln Glu Leu Pro
260 265 270

Arg Glu Lys Tyr Leu Thr Trp Ala Ser Arg Gln Glu Pro Ser Gln Gly
275 280 285

Thr Thr Thr Phe Ala Val Thr Ser Ile Leu Arg Val Ala Ala Glu Asp

Sequence Listing

290

295

300

Trp Lys Lys Gly Asp Thr Phe Ser Cys Met Val Gly His Glu Ala Leu
 305 310 315 320

Pro Leu Ala Phe Thr Gln Lys Thr Ile Asp Arg Leu Ala Gly Lys Pro
 325 330 335

Thr His Val Asn Val Ser Val Val Met Ala Glu Val Asp Gly Thr Cys
 340 345 350

Tyr

<210> 2

<211> 10

<212> PRT

<213> Homo sapiens

<400> 2

Trp Leu Gln Gly Ser Gln Glu Leu Pro Arg

1

5

10

<210> 3

<211> 1059

<212> DNA

<213> Homo sapiens

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aacgtggtca tcgcctgcct ggtccagggc ttcttcccccc agaggccact cagtgtgacc 120

tggagcggaaa gcccacaggc cgtgaccgcc agaaacctcc caccaccca ggatgcctcc 180

Sequence Listing

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tgcggcgttc cctcaactcc acctacccca tctccctcaa ctccacctac cccatctccc	360
tcatgctgcc accccccgact gtcactgcac cgacccggccc tcgaggacgt gcttttaggt	420
tcagaaggcga acctcacgtg cacactgacc ggcctgagag atgcctcagg tgcaccc	480
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aaatccggaa acacatccg gcccggggc cacctgctgc cgccggccgtc ggaggagctg	720
gcctgaaacg agctggtgac gctgacgtgc ctggcacgtg gcttcagccc caaggatgt	780
ctggttcgct ggctgcaggg gtcacaggag ctgccccgcg agaagtacct gacttggca	840
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gcagccgagg actggaagaa gggggacacc ttctccgtca tggggccca cgaggccctg	960
ccgcgtggccct tcacacaga gaccatcgac cgcttggcgg gtaaaccac ccatgtcaat	1020
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<210> 4
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 <212> DNA
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Sequence Listing

<400> 4

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